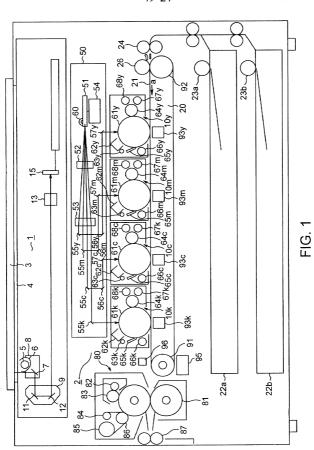
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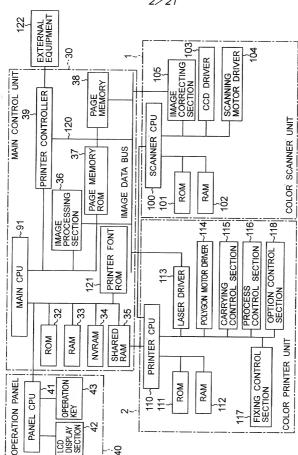


FIG. 2

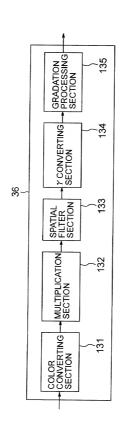
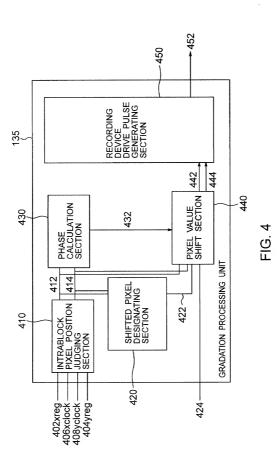
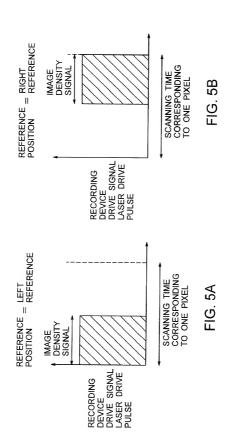
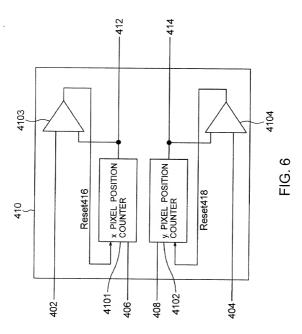


FIG. 3





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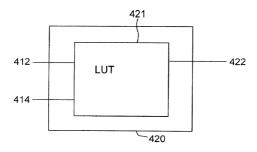


FIG. 7

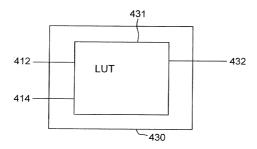


FIG. 8

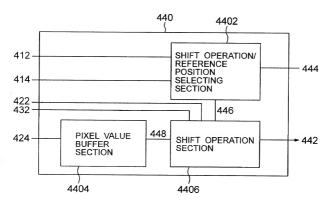


FIG. 9

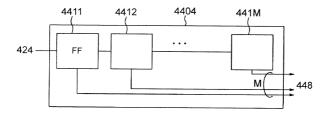
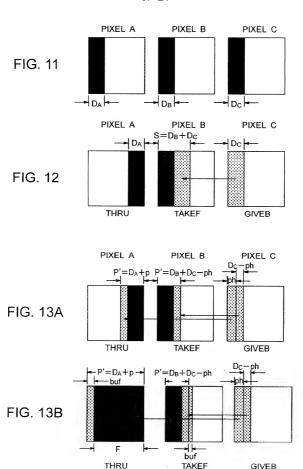


FIG. 10



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OPERATION NAME	PIXEL VALUE OF PIXEL TO BE PROCESSED	WRITE SHIFT BUFFER VALUE	CONDITION
THRU	0	<u>a</u>	Ph≥0 & Pf1+Pf2+P≥xff×2
	Pf1+Pf2+P-xff×2 xff×2-Pf1+Pf2	xff×2-Pf1+Pf2	Ph≧0 & Pf1+Pf2+P <xff×2< td=""></xff×2<>
	P+Ph	Ph	Ph<0 & Pf1+Pf2≧-Ph
	P+P1+P2	-Ph- (Pf1+Pf2)	Ph<0 & Pf1+Pf2<-Ph
TAKEF	xff	P+Pf+Pbuf-xff	P+Pf+Pbuf≧xff
	P+Pf+Pbuf	0	P+Pf+Pbuf <xff< td=""></xff<>
GIVEB	Pbuf	0	

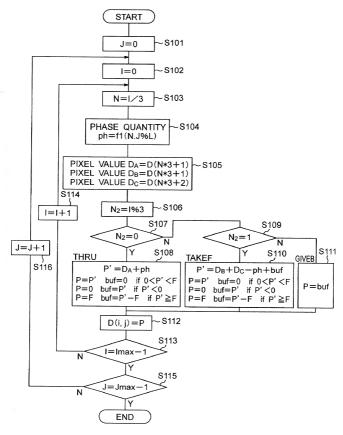
CONDITION	Ph≥0 & Pf1+Pf2+P≥xff×2	#	4		
	Ph≥0 &	P+Pf≥xff	P+Pf <xff< td=""><td></td><td></td></xff<>		
WRITE SHIFT BUFFER VALUE	0	P+Pf-xff	0	0	
PIXEL VALUE OF PIXEL TO BE PROCESSED	Ь	xff	P+Pf	Pbuf	
OPERATION NAME	THRU	TAKEF		GIVEB	

FIG. 14

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FIG. 15

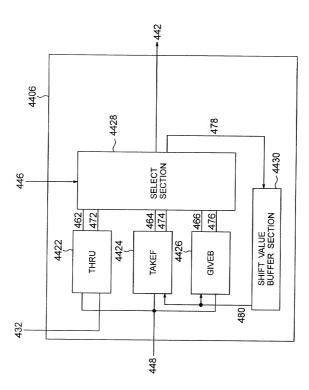
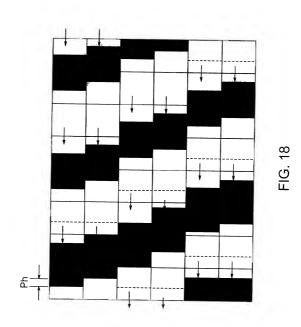


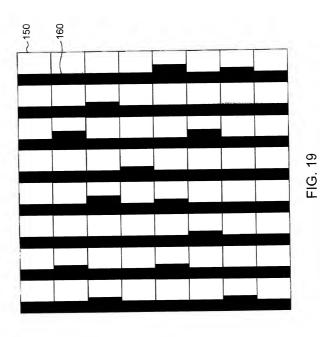
FIG. 16

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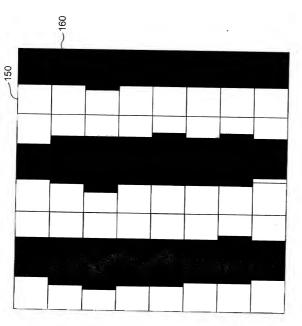


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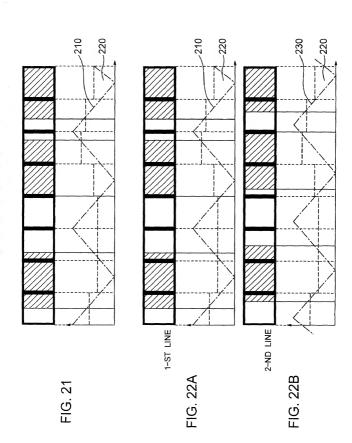
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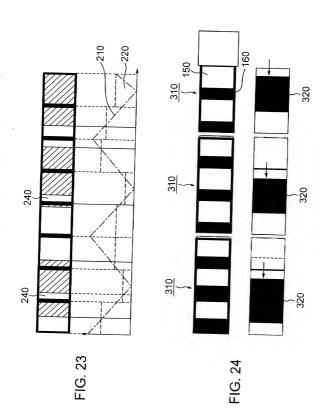


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FIG. 20

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DEPTITE DESCRIPTION

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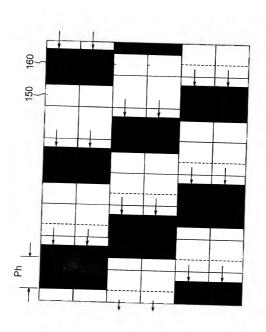


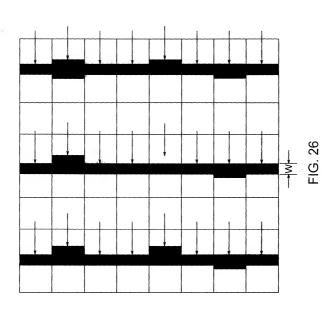
FIG. 25

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Title: IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING SYSTEM Inventor(s): Eighi SAKAJIE et

Inventor(s): Eiichi SAKAUE et al. DOCKET NO.: 016887/1029

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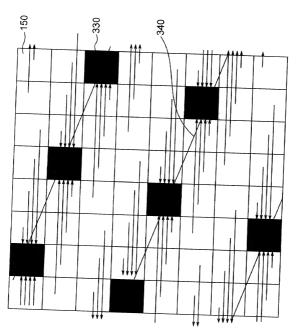


FIG. 27



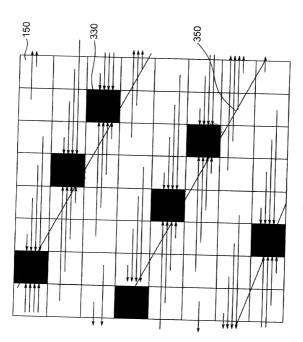


FIG. 28